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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/799,831	03/13/2004	Amar Ghori	1300-SW-C2 (P263C2)	8502

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EXAMINER

HOM, SHICK C

ART UNIT PAPER NUMBER

2616

DATE MAILED: 08/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

SA

Office Action Summary	Application No. 10/799,831	Applicant(s) GHORI ET AL.	
	Examiner Shick C. Horn	Art Unit 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 June 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 57-76 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 57-76 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 6/27/06 have been fully considered but they are not persuasive. In page 1 of the remarks, applicant argued that Hare et al. does not teach a system in which digital commands are transmitted across a digital wireless link for utilization at the receiving terminal to compose a presentation is not persuasive because Fig. 1 shows digital commands generated at the keyboard 27a connected to the HUB for wireless transmission to the PC 2, i.e. receiving terminal, and col. 2 lines 25-38 which recite user command being coupled with input data to the PC via an available radio frequency transmission channel which is wireless clearly reads on digital commands being transmitted across a digital wireless link for utilization at the receiving terminal to compose a presentation, in this case the PC at the home office in corresponds to the display appliance and the TV with the keyboard and HUB would correspond to the computer.

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Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 57-59, 61, 63-69, 71, and 73-76 are rejected under 35 U.S.C. 102(e) as being anticipated by Hare et al. (6,084,638).

Regarding claims 57 and 67:

Hare et al. disclose the method of interfacing a computer with a display appliance through a digital wireless link (see the abstract which recite the interfacing between a PC and a remote television for providing data signals for display and col. 3 lines 9-13 which recite the use of wireless transmission medium clearly anticipate the interface between a computer and a

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display appliance using digital wireless link), comprising:
coupling an input/output control unit of the display appliance
to a transceiver of the display appliance; transmitting, by
another transceiver of the computer, digital commands from the
computer to the transceiver of the display appliance through the
digital wireless link; receiving, by the transceiver of the
display appliance the digital commands from the computer through
the digital wireless link (in Fig. 1 see the transceiver 12 and
transceiver 14 at the home office and living room, respectively,
the PC 2 which corresponds to the display appliance; and col. 6
line 64 to col. 7 line 20 which recite the USB hubs for
controlling I/O traffic, which corresponds to the input/output
control unit); and transforming, by the Input/output control
unit, the digital commands into information for composing a
presentation by the display appliance (see col. 4 lines 5-17
which recite converting signal format to a format to permit the
display to be received and viewed on the receiver).

Regarding claims 58, 68:

Hare et al. disclose displaying, by the display appliance,
display images based on the information (see col. 12 lines 43-65
which recite the graphical information being viewed by users).

Regarding claims 59, 69:

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Hare et al. disclose wherein the transmitting and receiving step further comprise: transmitting and receiving the digital data through a spread spectrum link (see col. 9 lines 53-67 and col. 16 lines 13-15 which recite the use of the spread spectrum link).

Regarding claims 61, 71:

Hare et al. disclose wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through a digital radio frequency ("RF") link (see col. 13 line 62 to col. 14 line 4 which recite use of digital signal and radio frequency transmission).

Regarding claims 63-64, 73-74:

Hare et al. disclose wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through a multi-media link and wherein the digital data are commands of the computer and further comprising: forwarding the commands to the input/output control unit; and processing the commands, by the input/output control unit, to tailor the display images specifically for the display appliance (see col. 3 line 42 col. 4 line 4 which recite the use of a multi-media computer in the system including facsimile transmission, and systems which recognize scanned document character input or voice commands).

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Regarding claims 65, 75:

Hare et al. disclose wherein the display appliance is a television and the format is a television format (see col. 4 lines 5-17 which recite converting the PC signal format to a TV format to permit the PC display to be received and viewed on the TV receiver).

Regarding claims 66, 76:

Hare et al. disclose wherein the display appliance is an audio-visual equipment and the format is an audio-visual format for the audio-visual equipment (see col. 8 lines 57-67 which recite receiving audio and video signals from the PC).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a),

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the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary.

Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 60, 62, 70, and 72 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hare et al. (6,084,638) in view of Smyers et al. (6,233,637).

For claims 60, 62, 70, 72, Hare et al. disclose the device and method described in paragraph 3 of this office action. Hare et al. disclose all the subject matter of the claimed invention with the exception of wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through an isochronous link as in claims 60, 70; and wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through a real-time link as in claims 62, 72.

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Smyers et al. from the same or similar fields of endeavor teach that it is known to provide wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through an isochronous link; and wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through a real-time link (see col. 1 line 61 to col. 2 line 18 in the background section which recite the use of a standard protocol that provides real-time and isochronous data packet transport). Thus, it would have been obvious to the person having ordinary skill in the art at the time the invention was made to provide wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through an isochronous link; and wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through a real-time link as taught by Smyers et al. in the communications device and method of Hare et al. The transmitting and receiving steps further comprise: transmitting and receiving the digital data through an isochronous link; and wherein the transmitting and receiving steps further comprise: transmitting and receiving the digital data through a real-time link can be implemented by using the real-time isochronous link of Smyers et al. in Hare et al. The motivation for using the real-time isochronous link as

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recited in Smyers et al. in the communication device and method of Hare et al. being that it provides more efficiency for the system and the added feature of isochronous transmission, respectively, in the system of Hare et al.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Reisman discloses methods for transacting electronic commerce. Begum discloses automated shopping cart handle.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shick C. Hom whose telephone number is 571-272-3173. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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SUPERVISORY PATENT EXAMINER